



Complexity and Emergence in Social and Biological Systems

coordinated by

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Granada (Spain), June 25 - 27

<http://www.ugr.es/~kinetic/biomat/>

COURSES

Tomás Alarcón (CRM, Barcelona, Spain)

Stochastic multiscale models of competition between cellular populations

Nicola Bellomo (Politecnico di Torino, Italy)

Crowd dynamics: What is a crowd for a mathematician?

Mirosław Lachowicz (University of Warsaw, Poland)

Hydrodynamic limits and self-organization

Philip Maini (Oxford University, United Kingdom)

Modelling collective cell motion in biology

Hans Meinhardt (Max Planck Institute, Germany)

Pattern formation

Jorge Pacheco (Universidade do Minho, Portugal)

Climate Change: Governance, Cooperation and Self-organization

Eitan Tadmor (Maryland University, USA)

Flocking and consensus in collective dynamics

Andrea Tosin (Consiglio Nazionale delle Ricerche, Italy)

Traffic flow on networks: A fully-discrete kinetic theory approach

